

SERVICE INFORMATION NO. SI 42-102

NOTE: SI's are used only:
1) To distribute information from DAI to our customers.
2) To distribute applicable information/documents from our suppliers to our customers with additional information.
Typically there is no revision service for SI's. Each new information or change of that will be sent along with a new SI.

I. TECHNICAL DETAILS

1.1 Airplanes affected:

All DA 42 and DA 42 M aircraft

1.2 Subject:

GARMIN Service Advisory No.: 0908 Revision A
ATA-Code: 34-00

1.3 Reason:

GARMIN has identified an issue, whereby the DME window may "red-X" upon power-up if it is not receiving a valid DME signal.

1.4 Information:

For detailed technical information refer to the GARMIN Service Advisory No.: 0908 Revision A which is applicable without any further additions or restrictions.

II. OTHERS

The GARMIN Service Advisory No.: 0908 Revision A is attached to this SI.

In case of doubt contact Diamond Aircraft Industries GmbH.



SERVICE ADVISORY

NO.: 0908 Revision A

TO: Owner/Operators of Garmin Integrated Flight Deck Systems Equipped with the Honeywell Model KN63 DME

DATE: 13 February 2009

SUBJECT: Garmin Integrated Flight Deck systems may display a DME failure indication (Red-X) upon power-up if the Honeywell KN63 DME is not receiving a valid DME signal.

AFFECTED PRODUCTS

All Garmin Integrated Flight Deck systems with GDU Software v8.20 through v9.01 (inclusive) and equipped with the Honeywell KN63 DME are affected.

DESCRIPTION

Garmin Integrated Flight Deck systems with GDU Software v8.20 through v9.01 and equipped with the Honeywell KN63 DME may display a Red-X in the DME Information Window and the DME TUNING Window (Figure 1) upon power-up if the Honeywell KN63 DME is not receiving a valid DME signal. The Red-X is removed only after a valid DME signal is received, or after removing power (for approximately 5 seconds) and then restoring power to the KN63.

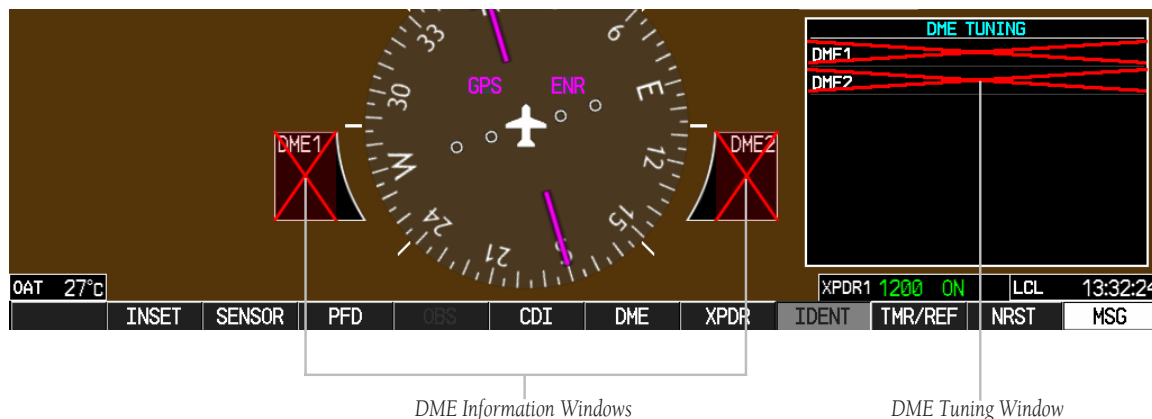


Figure 1. DME Windows with Red-X

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PILOT ACTION

The DME Red-X condition will be cleared and normal DME operation restored under either of the following conditions:

- 1) Remove power (for approximately 5 seconds) and then restore power to the KN63 DME. This procedure may need to be repeated in the unlikely event that the initial cycling of power does not clear the Red-X.
- 2) The tuned DME station becomes valid and gains reception. This can be accomplished if NAV1 or NAV2 was selected in the DME TUNING Window prior to the power-up DME failure indication, the Red-X condition can be cleared by tuning the appropriate NAV radio to a valid DME station within signal reception for the area.

Once valid operation is restored via one of the above methods, the DME Red-X condition is cleared for the remainder of the power cycle regardless of whether active or inactive signals are tuned.

RESOLUTION

GDU Software versions 9.02 and above, have corrected this issue.